

KOREAN PATENT ABSTRACTS

(11)Publication number: 100380869 B1
(43)Date of publication of application: 07.04.2003

(21)Application number: 1019980017461
(22)Date of filing: 15.05.1998

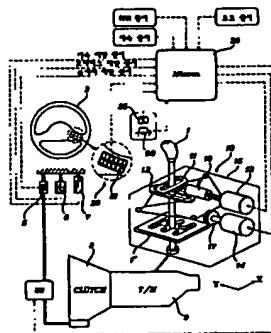
(71)Applicant: SUNG, JAE IN
PARK, SEUNG IL
(72)Inventor: PARK, SEUNG IL
SUNG, JAE IN

(51)Int. Cl B60K 20/00

(54) AUTOMATIC TRANSMISSION SYSTEM FOR VEHICLE WITH MANUAL TRANSMISSION

(57) Abstract:

PURPOSE: An automatic transmission system for a vehicle with a manual transmission is provided to improve convenience by shifting gears with pushing a button installed in a steering wheel without operating a shift lever and with automatically engaging and disengaging the clutch according to driving condition of the vehicle.



CONSTITUTION: An automatic transmission system comprises a neutral position operating body(11) having a long hole to move along an X-axis by inserting a shift lever(1) and moving the shift lever along a Y-axis; a shift position operating body(12) crossing over the neutral position operating body, having a long hole to move along the Y-axis by inserting the shift lever, and moving the shift lever along the X-axis; plural driving unit generating power to move two operating bodies along the X or Y-axis; a shift control button(20) installed around a driver's seat to operate the shift lever by a driver; a control unit controlling the driving units to move the shift lever according to the signal from the shift control button; guide units installed at both sides of the operating bodies to actively reciprocate two operating bodies in the case; and a position detecting unit installed in the guide unit to detect the position of the operating body and transmit the position to the control unit.

COPYRIGHT KIPO 2004

Legal Status

Date of final disposal of an application (20030107)

Patent registration number (1003808690000)

Date of registration (20030407)

Number of opposition against the grant of a patent ()

Date of opposition against the grant of a patent (00000000)

Number of trial against decision to refuse ()

Date of requesting trial against decision to refuse ()

Date of extinction of right ()